

7th International Aerosol Conference (IAC 2006)
Symposium on Nanoparticle Transport, Toxicology, and Cellular Interaction
September 10-15, 2006, St. Paul, Minnesota

Organizers: A listing of members of the IAC 2006 Technical Program Committee can be found at <http://www.aaar.org/IAC2006/board.htm>.

Symposium: Dr. Chong Kim (EPA, kim.chong@epa.gov). Co-Organizer: International Society for Aerosols in Medicine, ISAM: www.isam.org/.

Conference sessions on Health-Related Aerosols: Dr. Gediminas Mainelis (Rutgers U, mainelis@envsci.rutgers.edu)

Conference Sessions on Indoor Aerosols: Dr. Jacky Rosati (EPA, rosati.jacky@epa.gov)

Conference sessions on Atmospheric Aerosols: Dr. Charles Stanier (U of Iowa, cstanier@engineering.uiowa.edu) and Dr. Timothy Raymond (Bucknell U, traymond@bucknell.edu)

Applicant: American Association for Aerosol Research (AAAR; www.aaar.org), IAC 2006 organizer. AAAR is the foremost U.S.-based nonprofit scientific organization (meeting the criteria in OMB Circular A-122) for individuals conducting aerosol research, development, and applications. AAAR is managed by Association Headquarters, Inc., a professional association management company that is dual-accredited by the International Association of Association Management Companies and the American Society of Association Executives.

Project Period: 1 July 2006 – 30 September 2007. The IAC will be held September 10-15, 2006, in St. Paul, Minnesota. In July and August 2006, expenditures will cover travel support of invited speakers and posting of preliminary conference materials. Allowable conference costs (e.g., audiovisual costs) will be billed after the meeting. The Conference Extended Abstracts will be published on the web, together with reports, by September 2007.

Project Cost: \$23,412

Project Summary: This proposal seeks partial support for the 7th International Aerosol Conference (IAC 2006), to be held September 10-15, 2006, in St. Paul, Minnesota. The conference's purpose is to provide a forum for the dissemination of recent, cutting-edge research, conducted in the U.S. and abroad, on all aspects of aerosol science and technology, but with major emphases on aerosol-human health interactions, indoor aerosols, risk assessment and management, and atmospheric aerosols and their relationship to visibility and other environmental issues. Conference topics are thus highly relevant to EPA's mission to "protect human health and to safeguard the natural environment". The draft conference program features four Symposia related to nanoparticles, including the *Symposium on Nanoparticle Transport, Toxicology, and Cellular Interaction*, for which we are requesting partial support. In addition, we are also requesting partial support of platform and poster sessions that are planned in the areas of *Health Related Aerosols*; *Indoor Aerosols*; *Atmospheric Aerosols and Air Quality*; and *Atmospheric Aerosols and Global Climate*. Attendance at the IAC is expected to exceed 1200 individuals, with over half of the abstracts submitted to date from abroad, indicating that the IAC will be a unique venue for the global dissemination of research findings and for the enhancement of interdisciplinary dialogue on aerosol-health and aerosol-environment interactions.